Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112525.D
Acq On : 12 Feb 2019 23:48
Operator : JU/SJ
Sample : K1343-17 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-I

Quant Time: Feb 13 03:42:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	105312	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	368969	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	153244	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	282792	20.00	ng	0.00
76) Chrysene-d12	14.02	240	248556	20.00	ng	0.00
87) Perylene-d12	15.50	264	186032	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	112207	22.63	ng	0.00
7) Phenol-d6	6.49	99	142493	20.68	ng	0.00
23) Nitrobenzene-d5	7.40	82	72975	11.40	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	31087	17.43	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	142490	13.15	ng	-0.01
79) Terphenyl-d14	12.94	244	149986	11.37	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.59	202	36277	2.301	ng	99
78) Pyrene	12.82	202	36728	2.134	ng	96

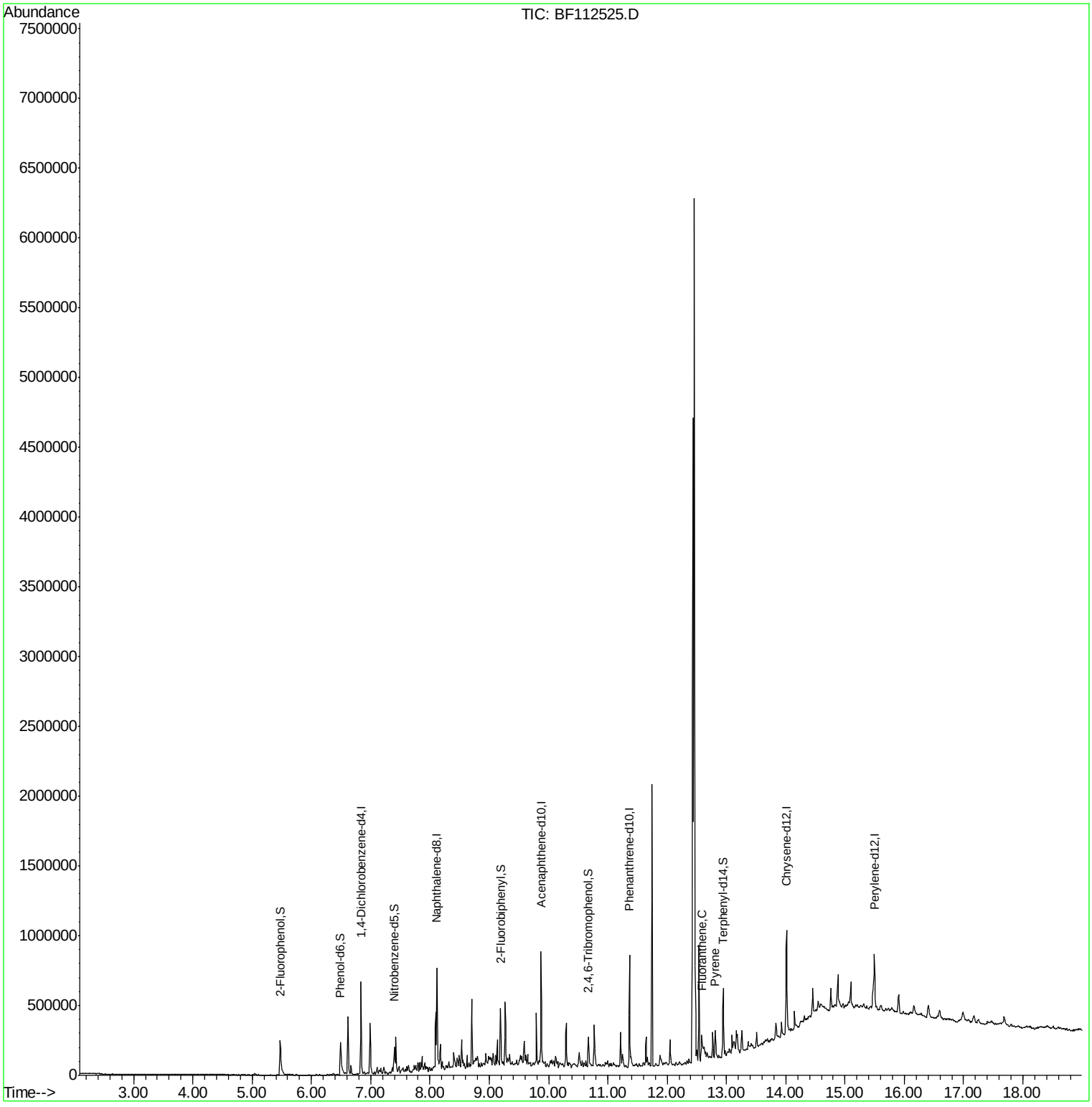
(#) = qualifier out of range (m) = manual integration (+) = signals summed

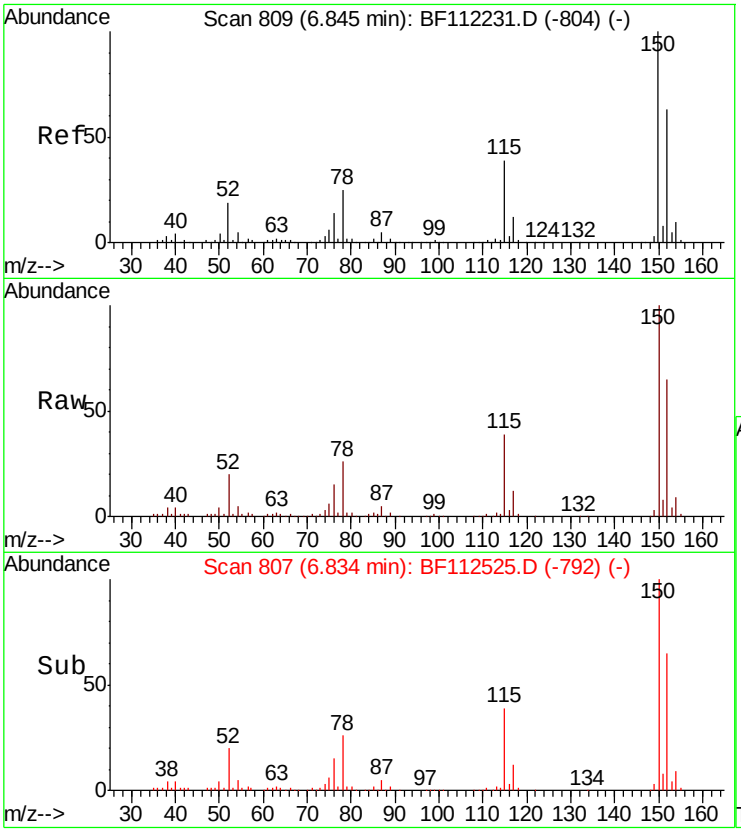
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112525.D
Acq On : 12 Feb 2019 23:48
Operator : JU/SJ
Sample : K1343-17 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-I

Quant Time: Feb 13 03:42:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration



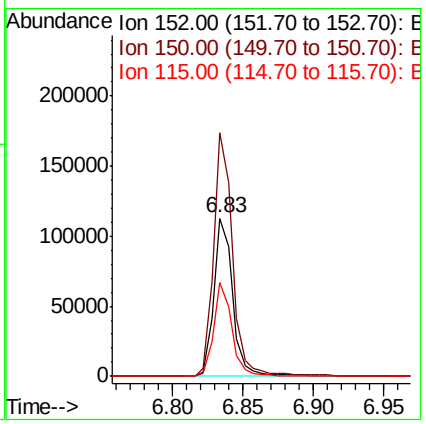


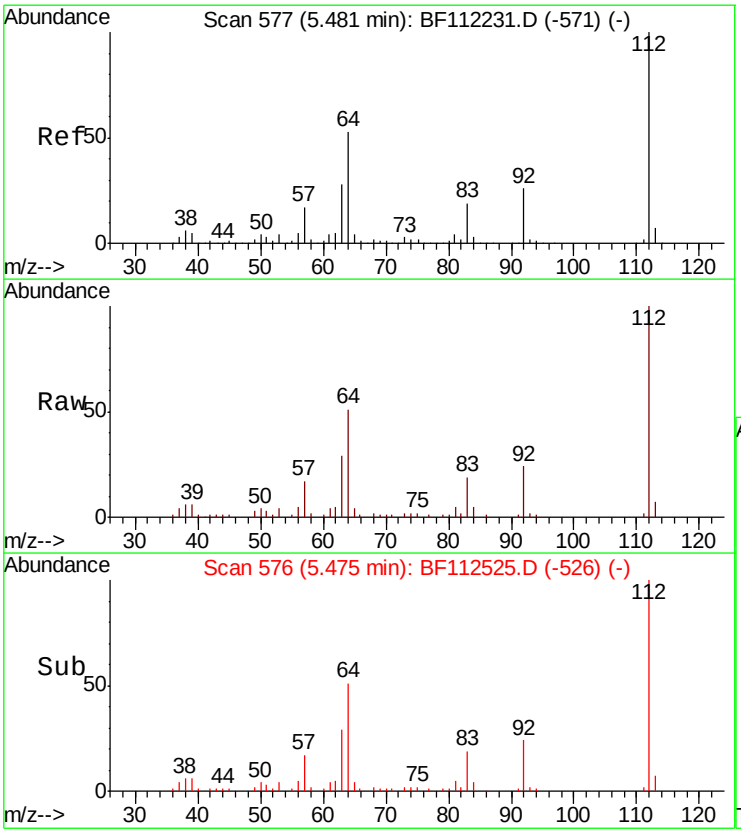
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112525.D
Acq: 12 Feb 2019 23:48

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-I

Tgt Ion:152 Resp: 105312

Ion	Ratio	Lower	Upper
152	100		
150	153.9	127.4	191.0
115	59.4	45.5	68.3

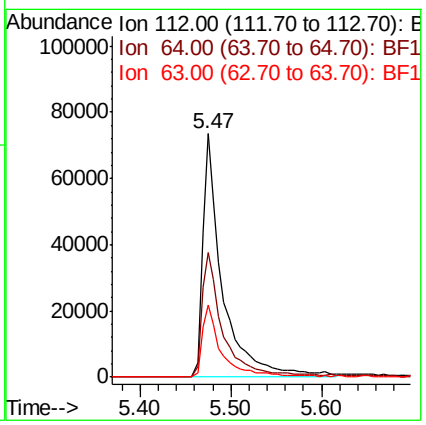


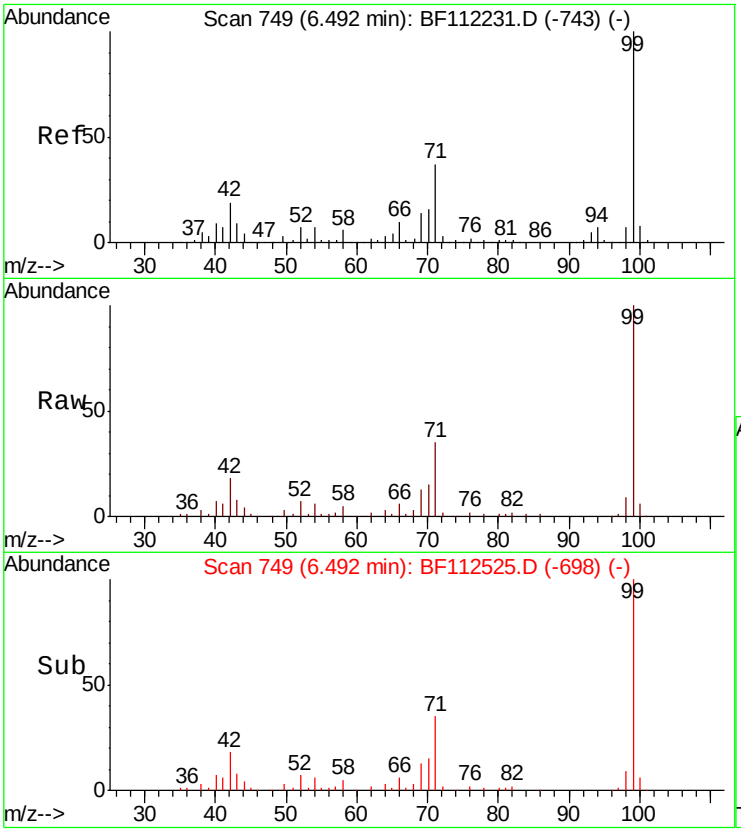


#5
2-Fluorophenol
Concen: 22.631 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112525.D
Acq: 12 Feb 2019 23:48

Tgt Ion:112 Resp: 112207

Ion	Ratio	Lower	Upper
112	100		
64	51.0	45.7	68.5
63	29.5	23.6	35.4



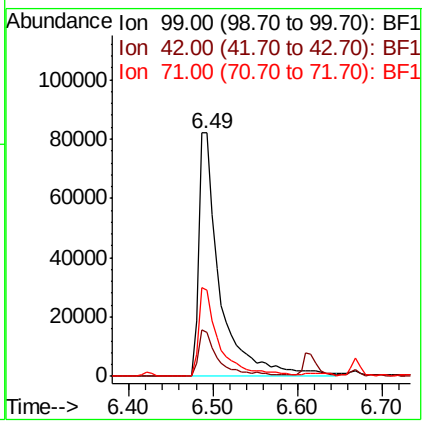


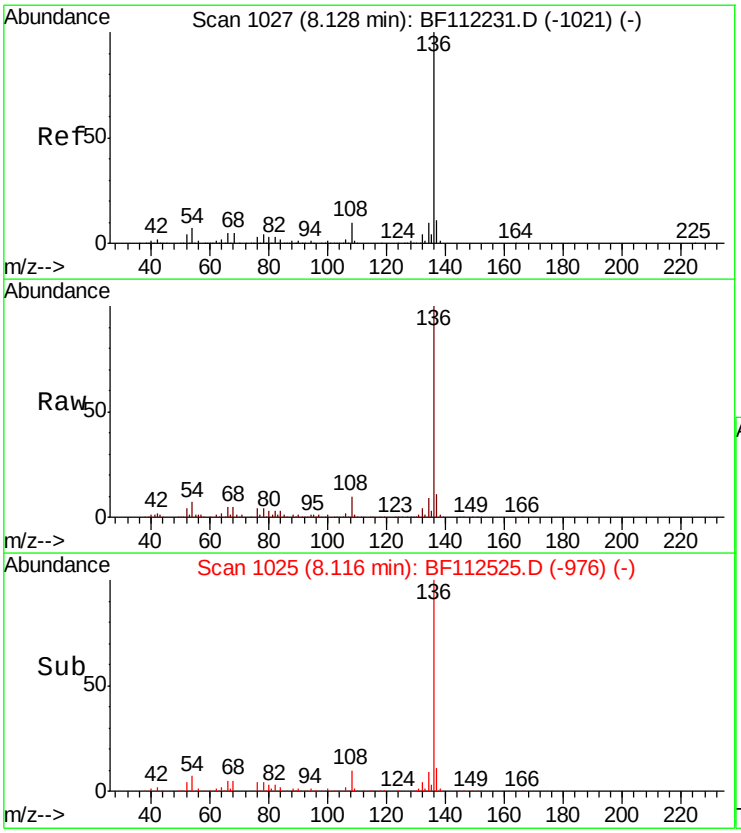
#7
Phenol-d6
Concen: 20.683 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF112525.D
Acq: 12 Feb 2019 23:48

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-I

Tgt Ion: 99 Resp: 142493

Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.1	22.7
71	35.2	26.9	40.3

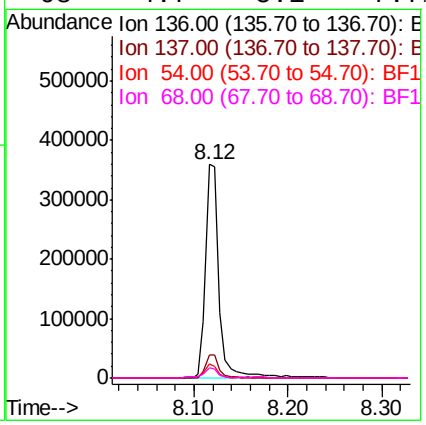


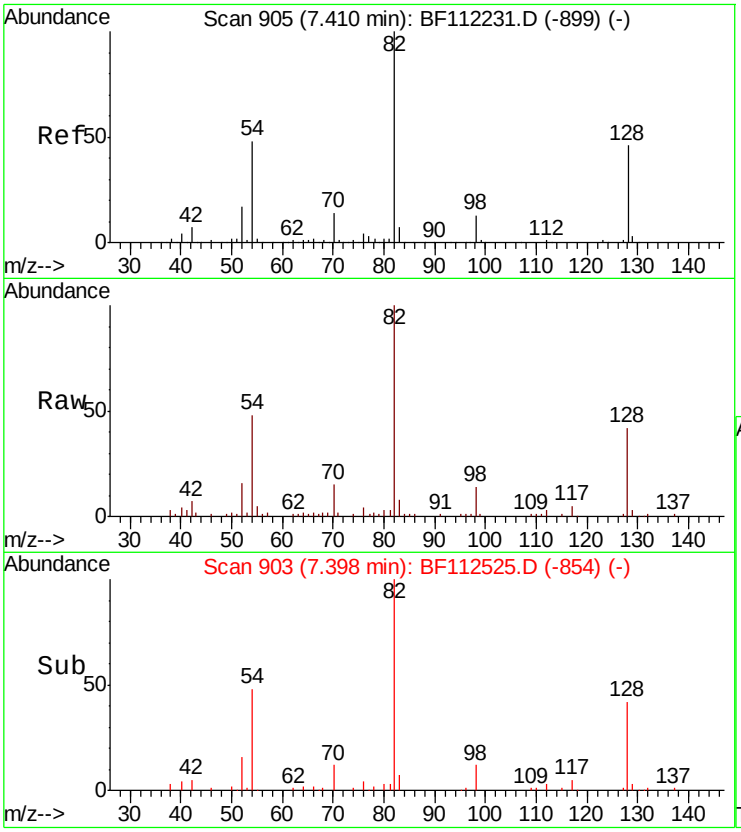


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112525.D
Acq: 12 Feb 2019 23:48

Tgt Ion:136 Resp: 368969

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.7	5.9	8.9
68	4.7	5.1	7.7#



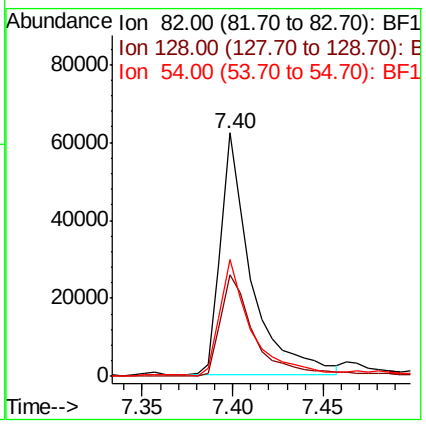


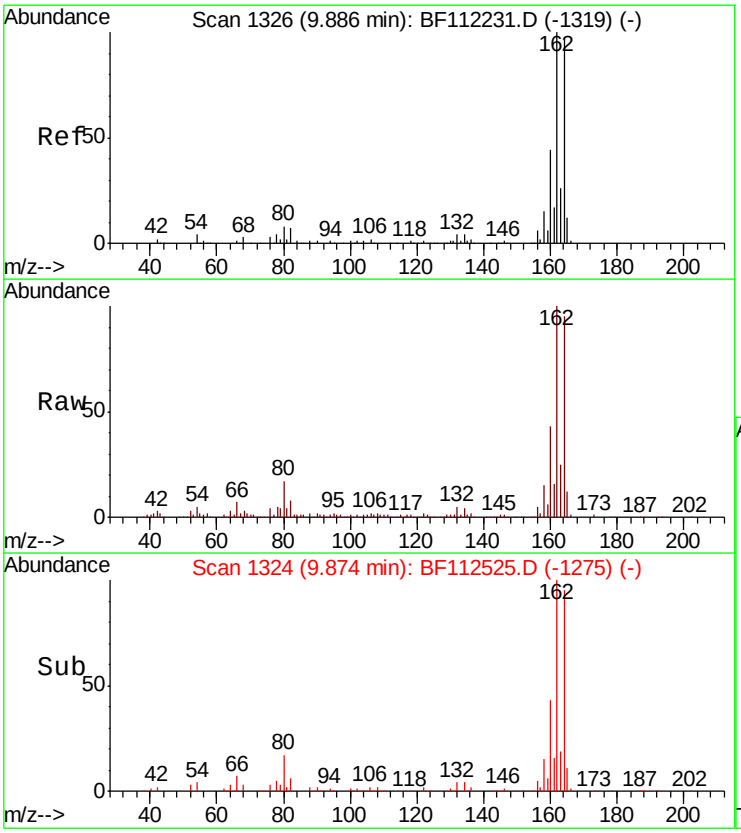
#23
Nitrobenzene-d5
Concen: 11.396 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112525.D
Acq: 12 Feb 2019 23:48

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-I

Tgt Ion: 82 Resp: 72975

Ion	Ratio	Lower	Upper
82	100		
128	41.9	37.8	56.8
54	47.9	39.7	59.5

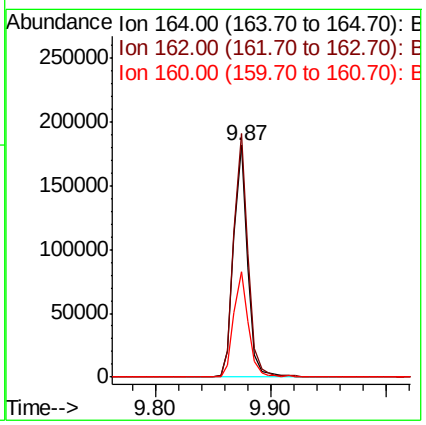


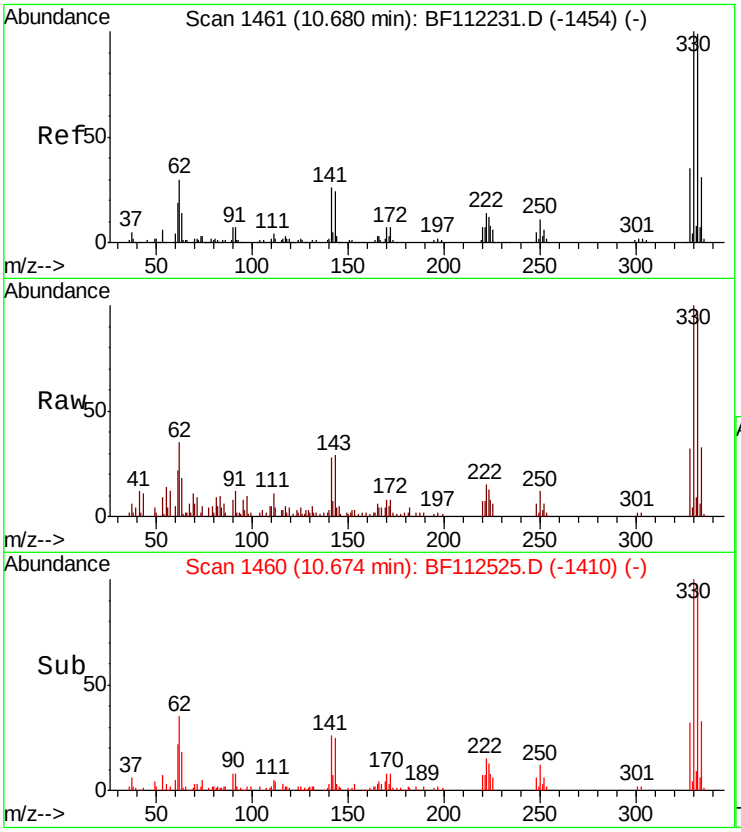


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112525.D
Acq: 12 Feb 2019 23:48

Tgt Ion:164 Resp: 153244

Ion	Ratio	Lower	Upper
164	100		
162	105.0	82.2	123.4
160	45.6	36.2	54.4



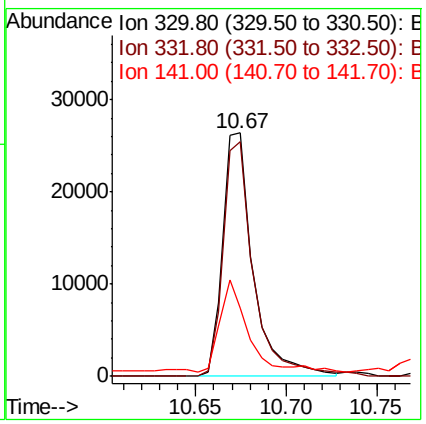


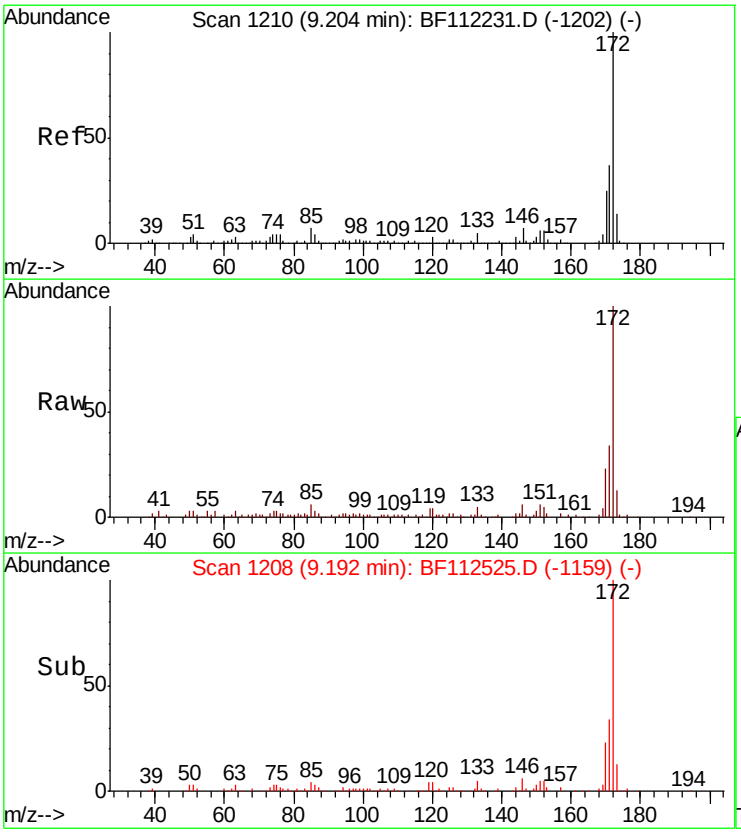
#42
2,4,6-Tribromophenol
Concen: 17.428 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF112525.D
Acq: 12 Feb 2019 23:48

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-I

Tgt Ion:330 Resp: 31087

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	114.8
141	35.0	24.3	36.5

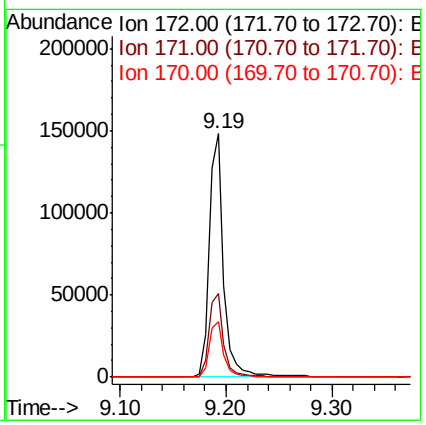


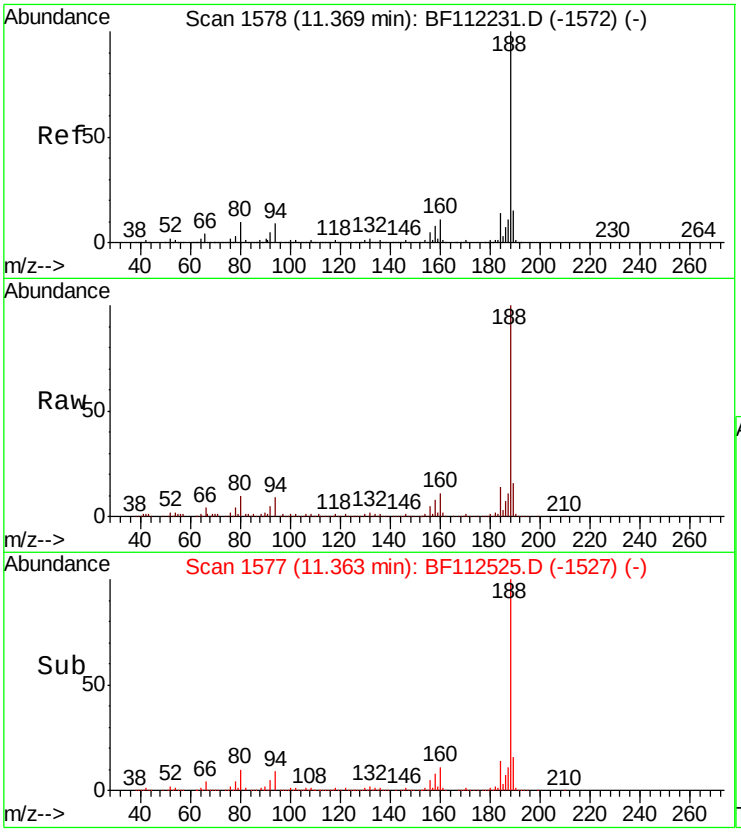


#45
2-Fluorobiphenyl
Concen: 13.151 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112525.D
Acq: 12 Feb 2019 23:48

Tgt Ion:172 Resp: 142490

Ion	Ratio	Lower	Upper
172	100		
171	34.2	30.5	45.7
170	22.9	20.2	30.4



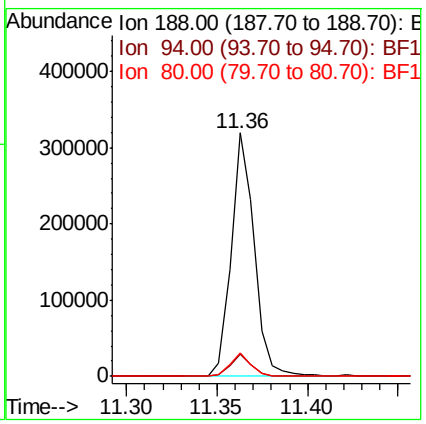


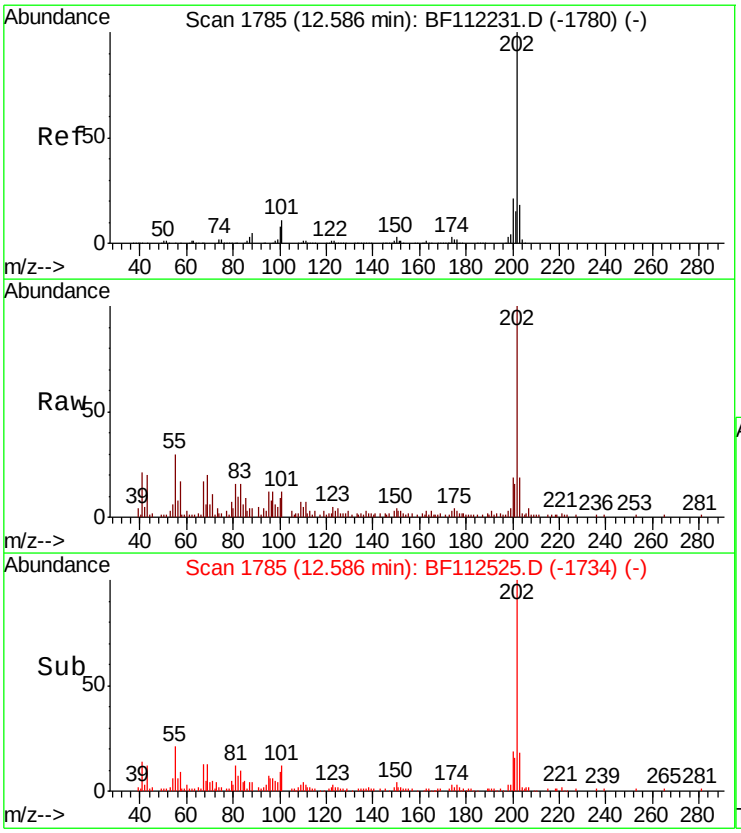
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112525.D
Acq: 12 Feb 2019 23:48

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-I

Tgt Ion:188 Resp: 282792

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.2	12.2
80	9.6	8.9	13.3

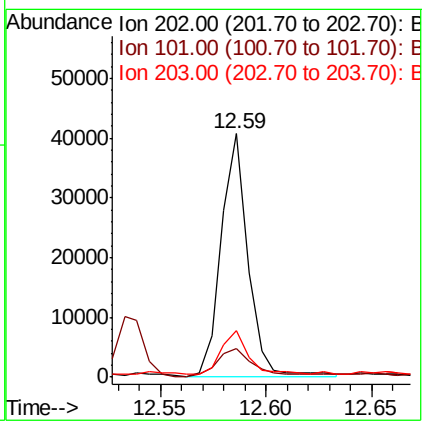


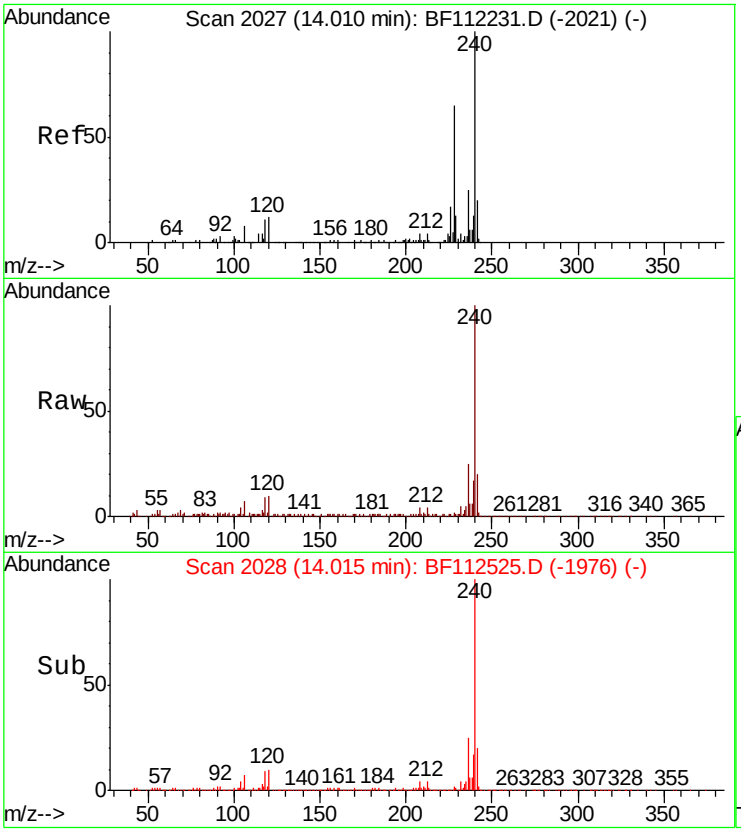


#75
Fluoranthene
Concen: 2.301 ng
RT: 12.59 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BF112525.D
Acq: 12 Feb 2019 23:48

Tgt Ion:202 Resp: 36277

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.8
203	18.9	0.0	38.4



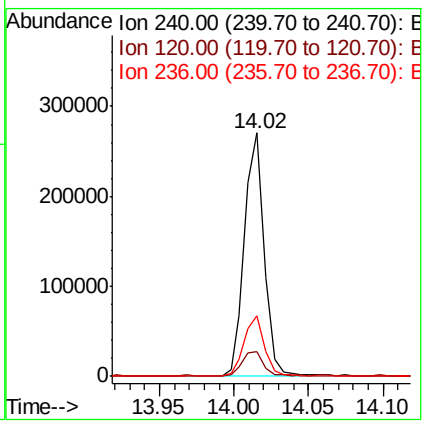


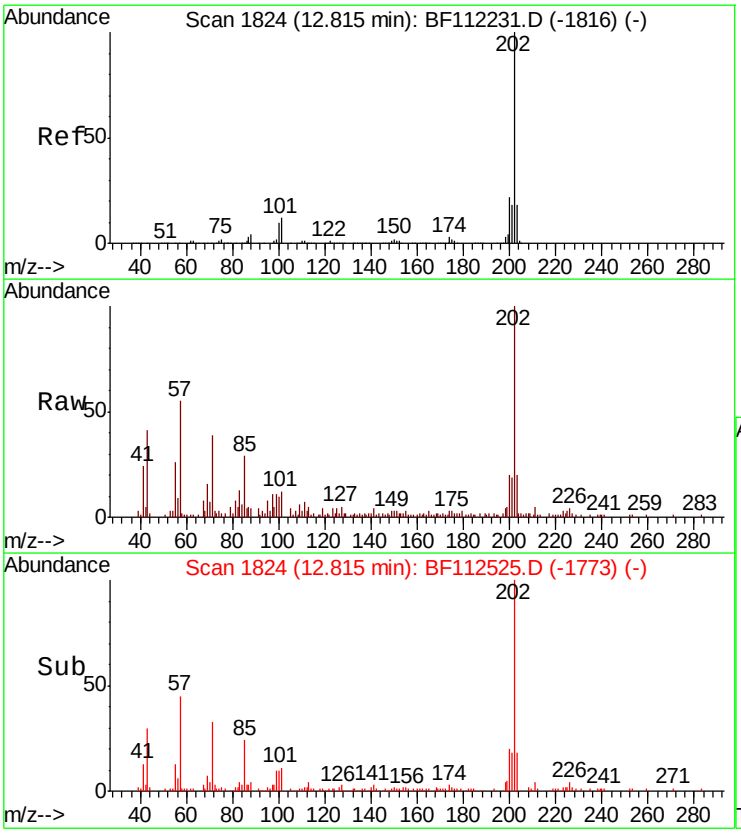
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF112525.D
Acq: 12 Feb 2019 23:48

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-I

Tgt Ion:240 Resp: 248556

Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.0	13.6
236	24.9	20.7	31.1

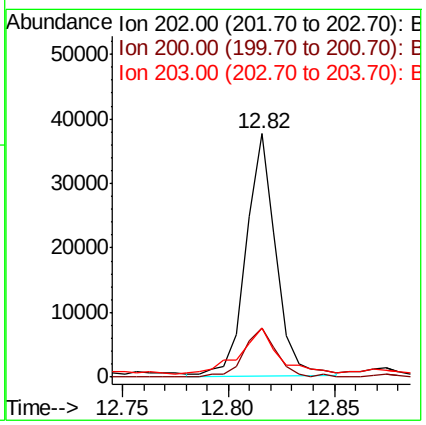


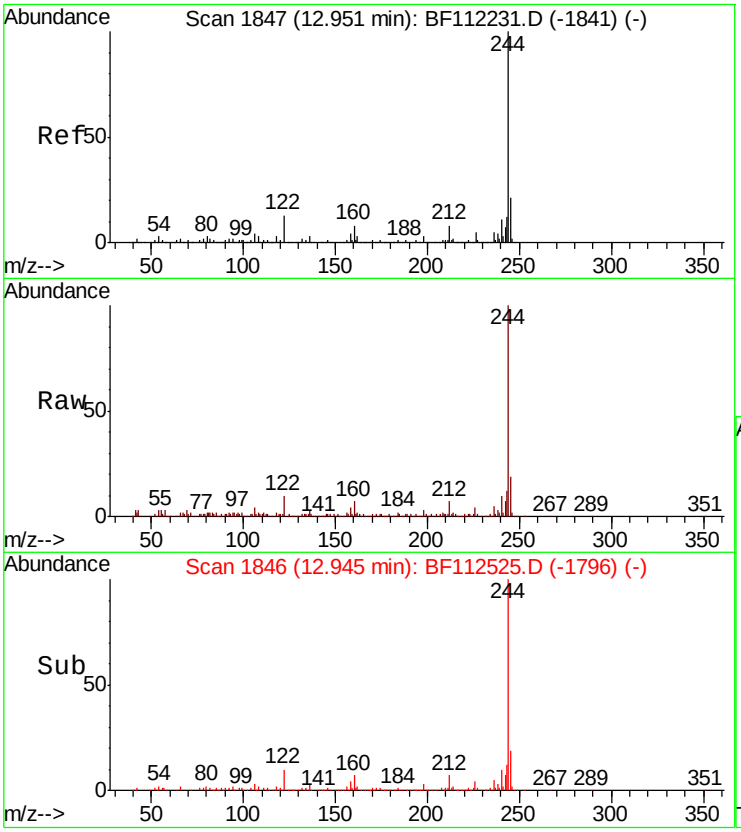


#78
Pyrene
Concen: 2.134 ng
RT: 12.82 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BF112525.D
Acq: 12 Feb 2019 23:48

Tgt Ion:202 Resp: 36728

Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.7	26.5
203	20.0	14.6	22.0



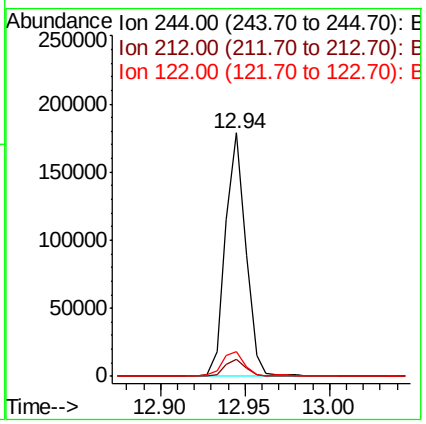


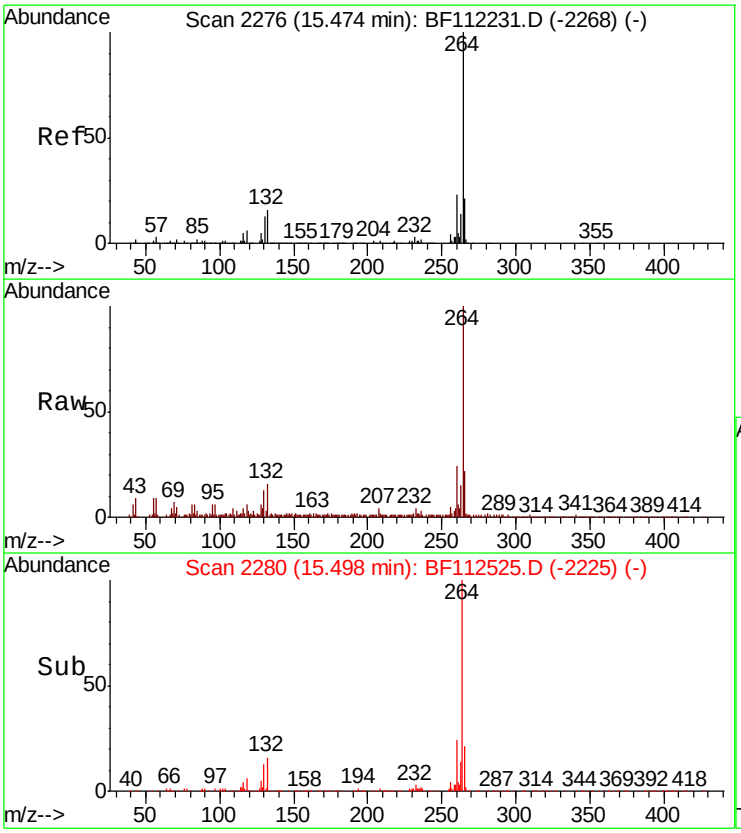
#79
Terphenyl-d14
Concen: 11.365 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF112525.D
Acq: 12 Feb 2019 23:48

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-I

Tgt Ion:244 Resp: 149986

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.9	8.9
122	10.3	9.8	14.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.02 min
Lab File: BF112525.D
Acq: 12 Feb 2019 23:48

Tgt Ion:264 Resp: 186032

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.2	27.2
265	21.8	17.0	25.4